



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/730,340	12/05/2000	Yoshio Osakabe	7217/63309	8639
7590 12/29/2004				
COOPER & DUNHAM LLP 1185 Avenue of the Americas New York, NY 10036			EXAMINER FAULK, DEVONA E	
			ART UNIT 2644	PAPER NUMBER

DATE MAILED: 12/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/730,340

Applicant(s)

OSAKABE ET AL.

Examiner

Devona E. Faulk

Art Unit

2644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 12 August 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed 8/12/04, regarding claims 1 and 6 have been fully considered but they are not persuasive. The applicant asserts, on page 9 and 13, that the prior art, Kondo and Osakabe, fails to disclose that the AV/C frame nor the auxiliary attributive information described above disclose or suggest identification data related to a spatial placement of the transmission data and data related to the spatial placement of the transmission data for setting up a system including devices for receiving the transmission data. The examiner disagrees because the specification indicates that data related to the spatial placement of the transmission data for setting up a system including devices for receiving the transmission data is identification data related to the spatial placement of the transmission data (See page 31, lines 14-23) and that type of data would be placed in the first auxiliary section not a second auxiliary section. The specification discloses that data related to a set-up of transmission data in a second section (page 3, lines 1-7; pages 32-33) (See claims 2 and 3). Therefore, the amended claim language has rendered claims 1 and 6 indefinite because the claim language is misdescriptive. Newly recited 112 rejections follow.

Claim 1 and 6 both recite amended claim language "wherein the predetermined bus line supports real-time data transmission for transmitting the audio/visual data and asynchronous data transmission for transmitting control data". This is inherent to the IEEE 1394 standard (See applicant's discussion of Background/Description of Related Art, See IEEE 1394 Standard). The applicant further asserts that Kondo and Osakabe fail to disclose or suggest a transmitting method as claimed and a transmitting apparatus as claimed. The examiner disagrees because the

Art Unit: 2644

Kondo and Osakabe both use IEEE 1394 standard and it is inherent that data is transmitted in some predetermined format. Kondo and Osakabe are still applicable to the claims.

Although the examiner has not applied art towards 102 and/or 103 rejections, it is only because the amended claim language has rendered the claims indefinite so that it is not clear to the examiner what exactly is being placed in the second section.

***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. **Claims 1-10** are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Amended claims 1 and 6 recite, "placing (places) data related to the spatial placement of the transmission data for setting up a system including devices for receiving the transmission data in a second section within the auxiliary section". The specification indicates that data related to the spatial placement of the transmission data for setting up a system including devices for receiving the transmission data is identification data related to the spatial placement of the transmission data (See page 31, lines 14-23) and that type of data would be data would be placed in the first auxiliary section not a second auxiliary section. The specification discloses that data related to a set-up of transmission data in a second section (page 3, lines 1-7) and that data in the second section may be sampling frequency of each channel, data that indicates one of existence of a recording channel for each channel or data that specifies a display pattern of the image data (page 32-33)) (See claims 2 and 3). Therefore, the amended claim

Art Unit: 2644

language has rendered claims 1 and 6 indefinite because the claim language is misdescriptive and leaves it unclear as to what is exactly being placed in the second section.

### ***Conclusion***

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Devona E. Faulk whose telephone number is 703-305-4359. The examiner can normally be reached on 8 am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Forester W. Isen can be reached on 703-305-4386. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2644

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DF



XU MEI  
PRIMARY EXAMINER